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SEQ ID NO:	1			R1	R2	R3	R4		1149	<i>tau 43</i>
1	91								1059	
2		205							999	
3		277							999	
4		205							1089	
5		277							1089	
6				715					999	
7				709					999	
8				715					954	
9				741					930	
SEQ ID NO:	1			R1	R3	R4			1056	<i>tau 44</i>
10	91								966	
11		205							906	
12		277							906	
13		205							996	
14		277							996	

numbering SEQ ID NO: 1-4 and 9-11 according to the shortest R4 isoform  
numbering SEQ ID NO: 5-8 according to the shortest R3 isoform

Fig.1

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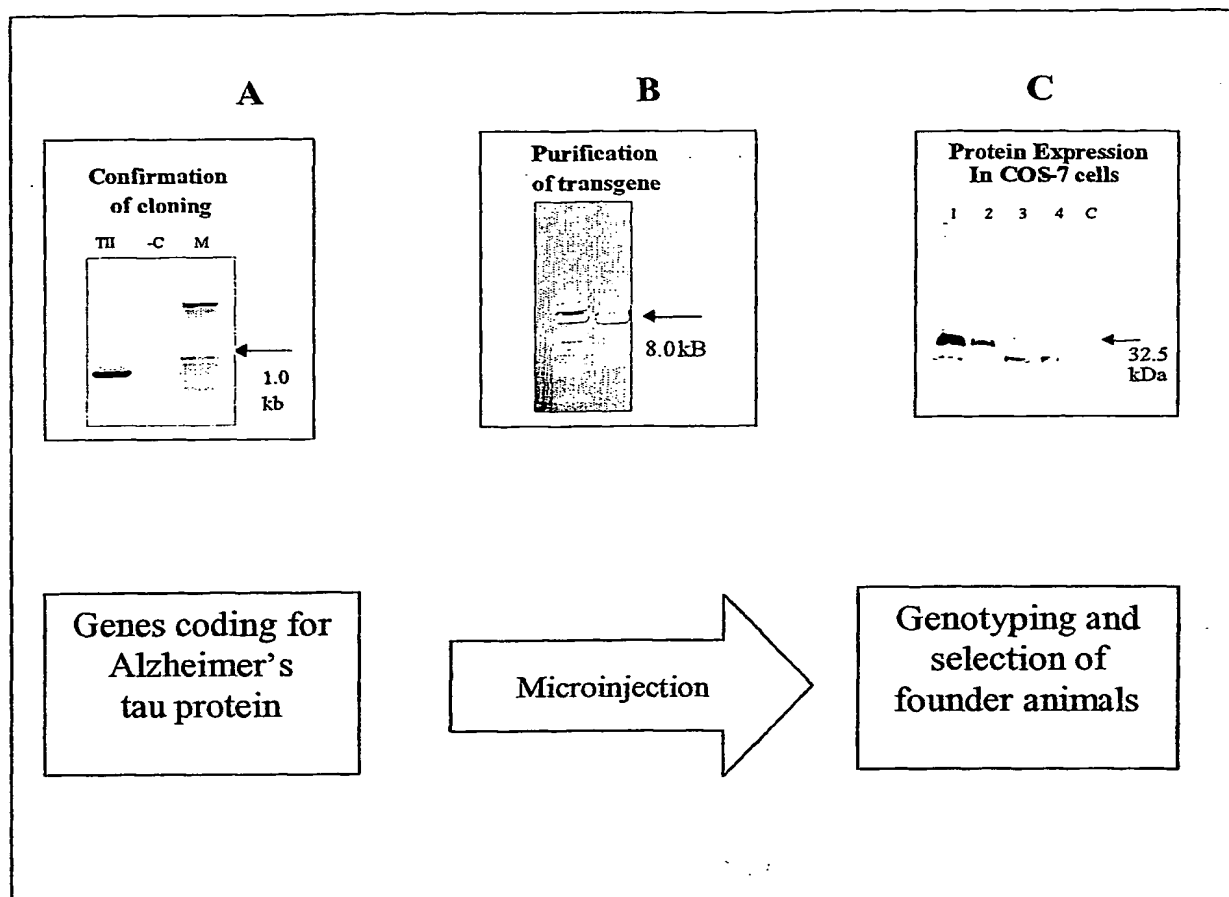


Fig.2

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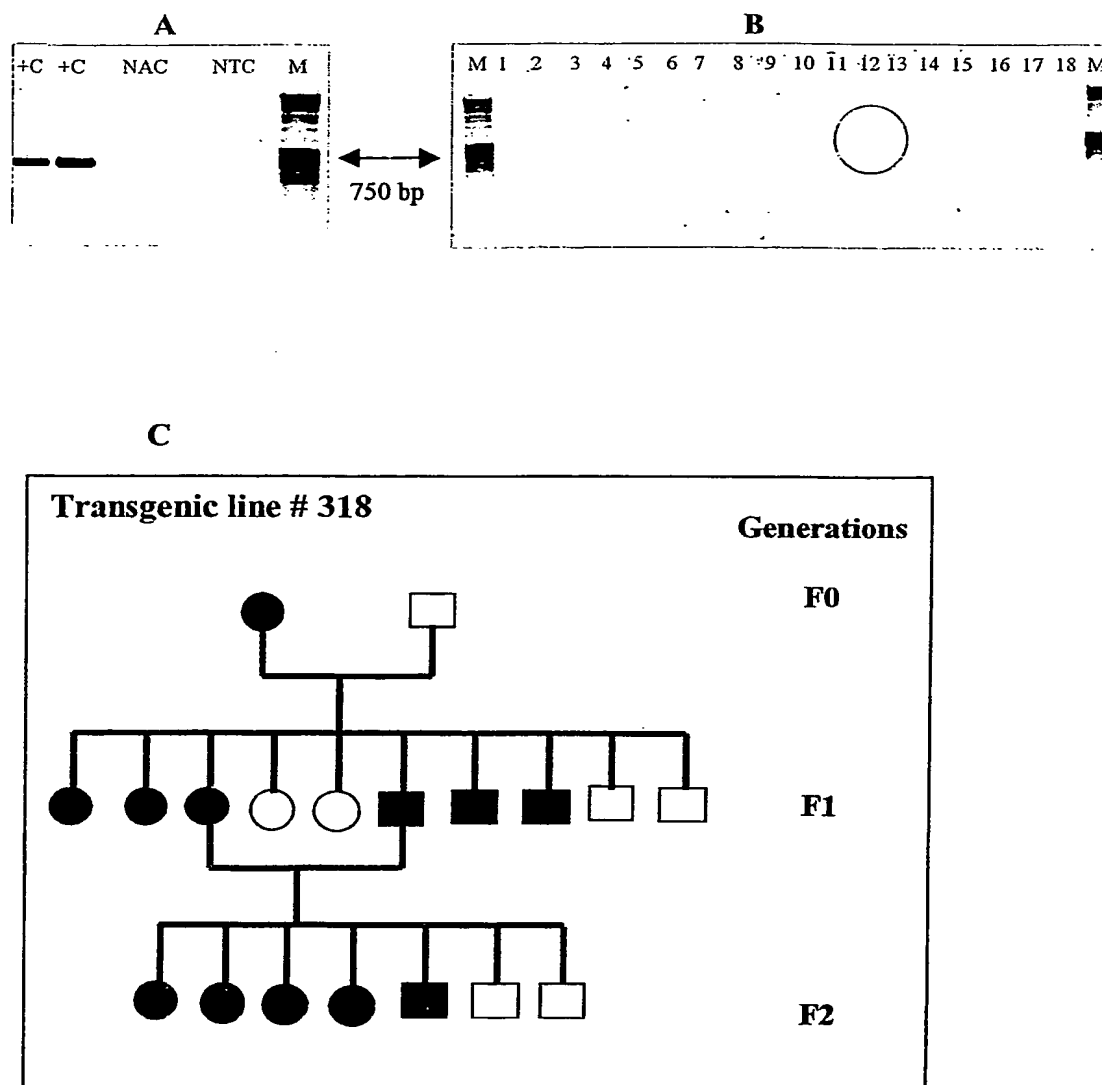


Fig.3

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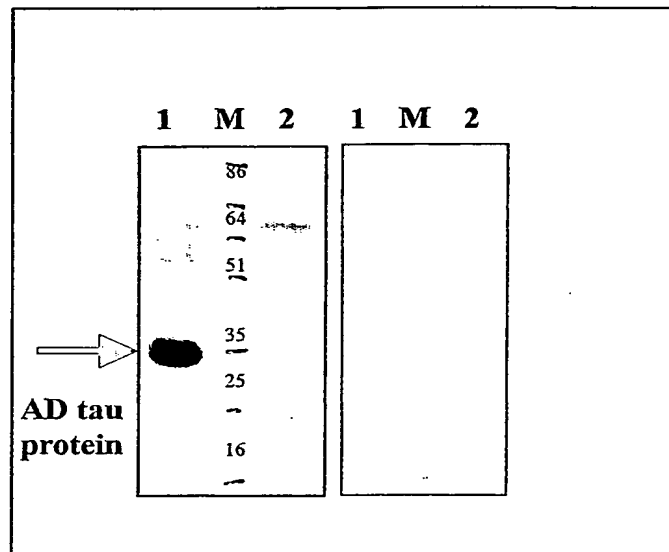


Fig.4

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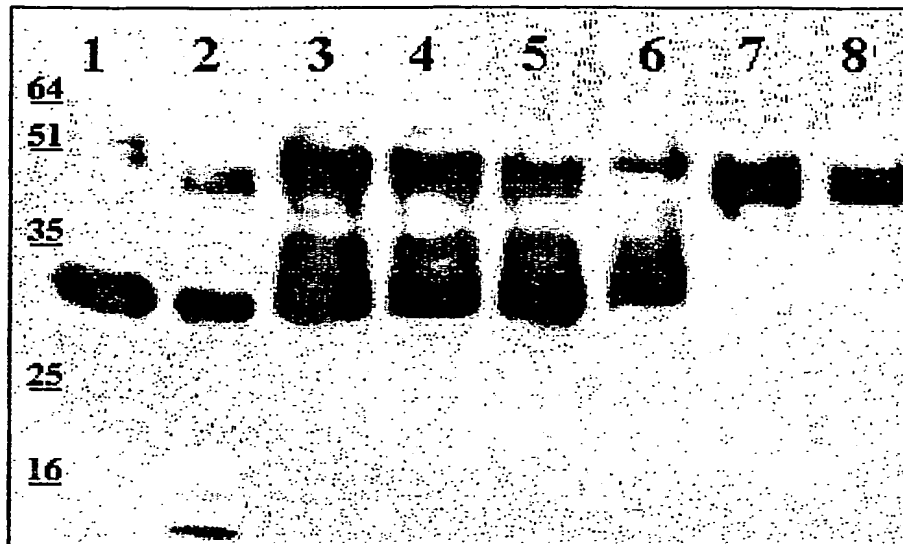


Fig.5

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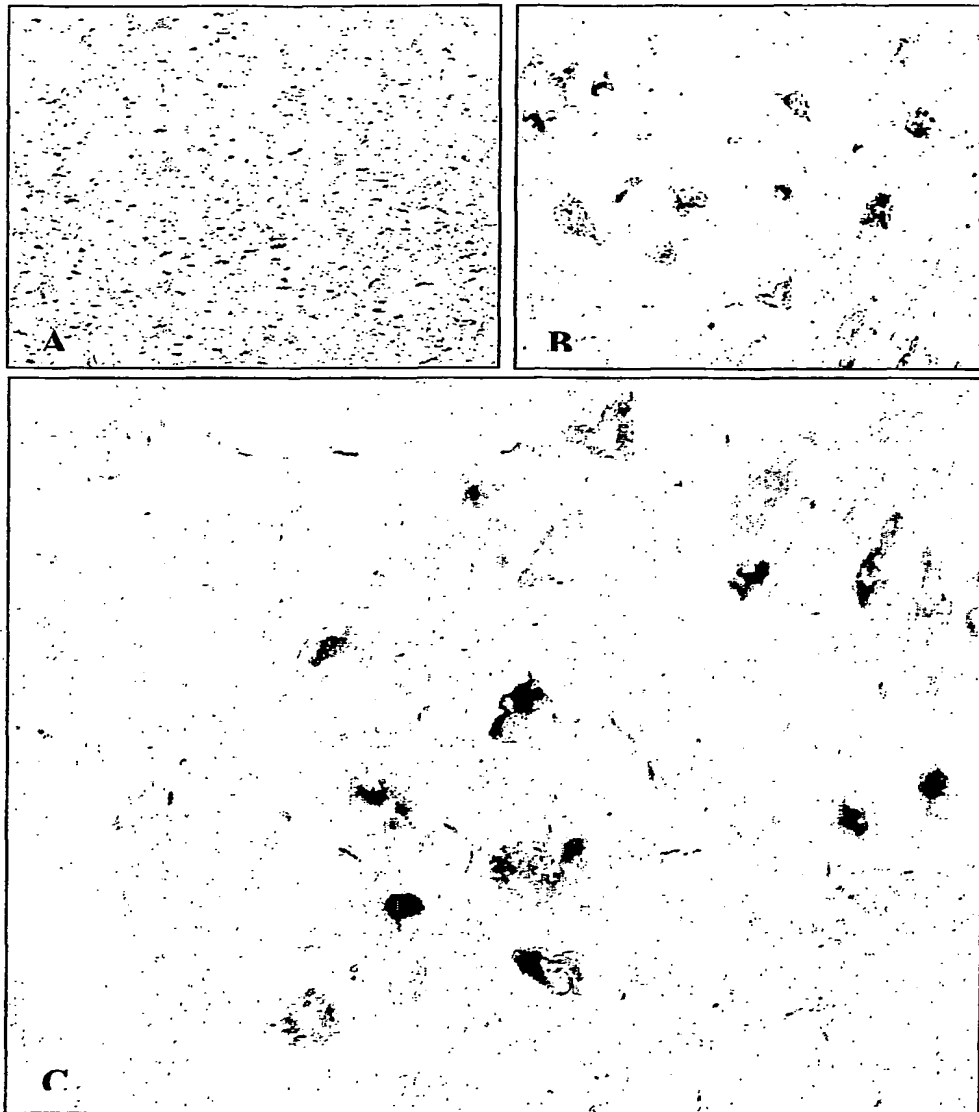


Fig.6

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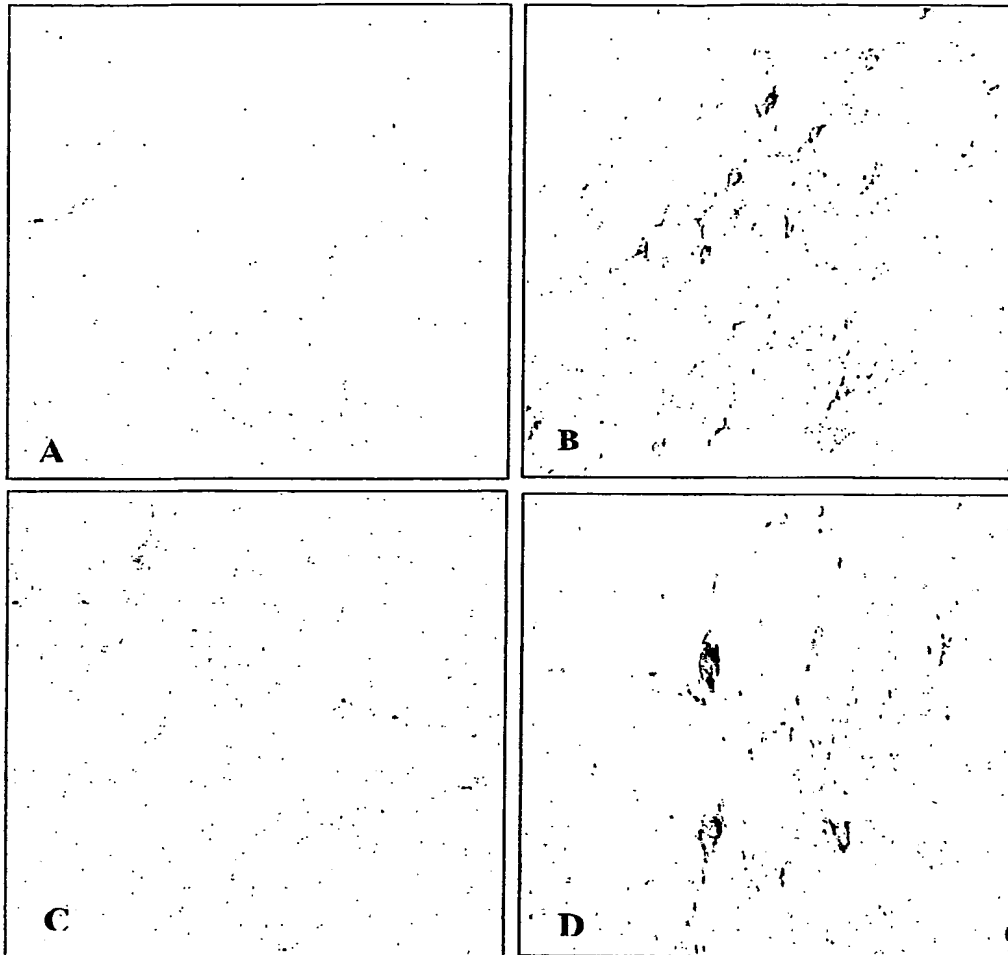


Fig.7

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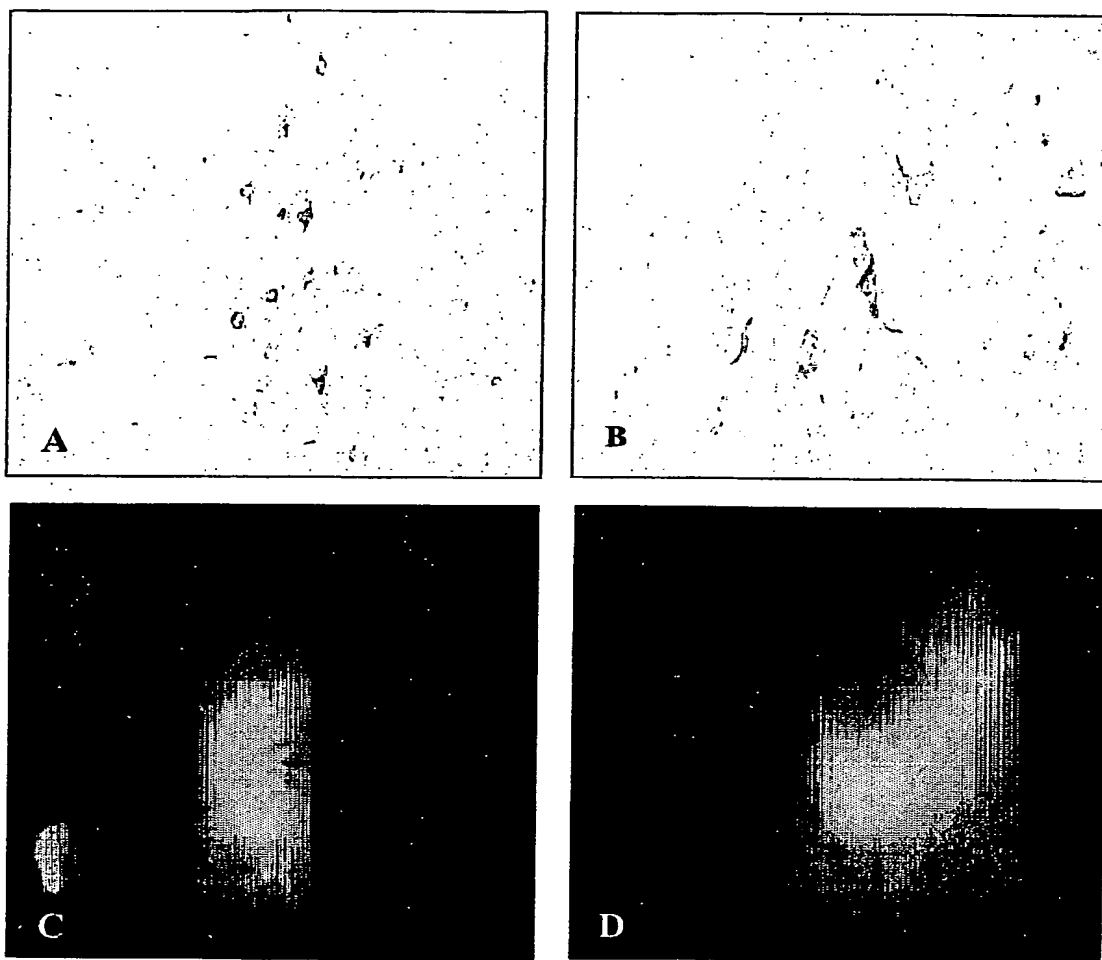


Fig.8



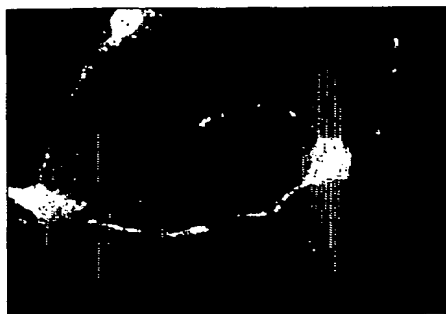
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Cx - DIC- 3DIV



Mito-trek  
→  
30 min

Cx - MT



Hipp - Mito-trek- 3DIV

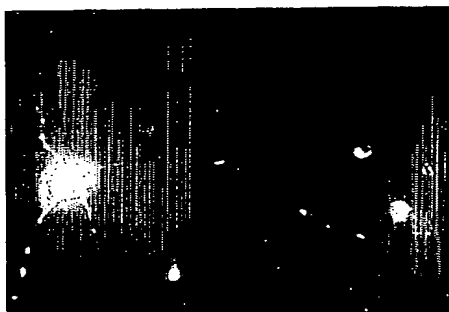


Fig. 9

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Fig. 10

**Human brain tissue,  
autopsy from AD patient**

**Transgenic rat brain tissue  
TG line Nr. 318**

